

**DRAFT LIST OF FACILITIES WITH DRY COOLING TECHNOLOGY
MAY 2001**

Description: This table provides technical data on existing plants that use dry cooling installations by GEA Power Cooling Systems, Inc., the largest manufacturer in the US.

Station Owner	Steam Size [Mw(e)]	Steam Flow [lb/Hr]	Turbine Back P [IN HgA]	Design Temp [deg F]	Year	Fuel(s)
Neil Simpson I Station Black Hills Power & Light Co. Gillette, WY	20	168,000	4.5	75	1968	Coal Fired Plant
Norton P. Potter Gen. Station Braintree Electric Light Dept. Braintree, MA	20	190,000	3.5	50	1975	Combined Cycle
Benecia Refinery Exxon Company, U.S.A. Benecia, CA	NA	49,000	9.5	100	1975	
Wyodak Station Black Hills Power & Light Co. and Pacific Power & Light Co. Gillette, WY	330	1,885,000	6.0	66	1977	Coal Fired Plant
Beluga Unit No. 8 Chugach Electric Assoc., Inc. Beluga, AK	65	478,000	5.6	35	1979	Combined Cycle
Gerber Cogeneration Plant Pacific Gas & Electric Gerber, CA	3.7	52,000	2.0	48	1981	Cogeneration
NAS North Island Cogen Plant Sithe Energies, Inc. Coronado, CA	4.0	65,000	5.0	70	1984	Cogeneration
NTC Cogen Plant Sithe Energies, Inc. San Diego, CA	2.6	40,000	5.0	70	1984	Cogeneration
Chinese Station Pacific Ultrapower China Camp, CA	22.4	182,000	6.0	97	1984	Waste Wood
Dutchess County RRF Poughkeepsie, NY	7.5	50,000	4.0	79	1985	Waste to Energy (WTE)

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Sherman Station Wheelabrator Sherman Energy Sherman Station, ME	20	125,000	2.0	43	1985	Waste Wood
Olmsted County WTE Facility Rochester, MN	1	42,000	5.5	80	1985	WTE
Chicago NW WTE Facility City of Chicago Chicago, IL	1	42,000	15 PSIG	90	1986	WTE
SEMASS WTE Facility American Ref-Fuel Rochester, MA	54	408,000	3.5	59	1986	WTE (hybrid cooling system since 1999)
Haverhill Resource Rec. Facility Ogden Martin Of Haverhill Haverill, MA	47	352,000	5.0	85	1987	WTE
Hazelton Cogen Facility Continental Energy Associates Hazelton, PA	68	420,000	3.7	47	1987	Cogen
Grumman TBG Cogen Bethpage, NY	13	106,000	5.4	59	1988	Cogen (hybrid cooling system since 1997)
Cochrane Station Northland Power Cochrane, Ontario, Canada	11	90,000	3.0	60	1988	Cogen
North Branch Power Station Energy America Southeast North Branch, WV	80	622,000	7.0	90	1989	Coal Fired Plant
Sayreville Cogen Project Intercontinental Energy Co. Sayreville, NJ	100	715,000	3.0	59	1989	Cogen
Bellingham Cogen Project Intercontinental Energy Co. Bellingham, MA	100	715,000	3.0	59	1989	Cogen
Spokane Resource Rec Facility Wheelabrator Spokane Inc. Spokane, WA	26	154,000	2.0	47	1989	WTE

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Exeter Energy L.P. Project Oxford Energy Sterling, CT	30	196,000	3.0	75	1989	Hybrid cooling system
Peel Energy From Waste Peel Resources Recovery, Inc. Brampton, Ontario, Canada	10	89,000	4.5	68	1990	WTE
Nipigon Power Plant Transcanada Pipelines Nipigon, Ontario, Canada	15	169,000	3.0	59	1990	Cogen
Linden Cogeneration Project Cogen Technologies, Inc. Linden, NJ	285	1,911,000	2.44	54	1990	Cogen
Maalaea Unit #15 Maui Electric Company, Ltd. Maui, Hawaii	20	150,000	2.5	55	1990	Cogen
Norcon - Welsh Plant Falcon Seaboard North East, PA	20	150,000	6.0	95	1990	Cogen
University of Alaska University of Alaska, Fairbanks Fairbanks, AK	10	46,000	6.0	82	1991	Cogen
Union County RRF Ogden Martins of Union County Union, NJ	50	357,000	8.0	94	1991	WTE
Saranac Energy Plant Falcon Seaboard Saranac, NY	80	737,000	5.0	90	1992	Cogen
Onondaga County RRF Ogden Martin of Onondaga Co. Onondaga, NY	50	258,000	3.0	70	1992	WTE
Neil Simpson II Station Black Hills Power & Light Co. Gillette, WY	80	548,000	6.0	66	1992	Coal Fire Plant
Gordonsville Plant Mission Energy Gordonsville, VA	100	698,000	6.0	90	1993	Combined Cycle

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Dutchess County RRF Expansion Poughkeepsie, NY	15	50,000	5.0	79	1993	WTE
Samalayuca II Power Station Comision Federal de Electricidad Samalayuca, Mexico	210	1,297,000	7.0	99	1993	Combined Cycle
Potter Station Potter Station Power Limited Potter, Ontario	20	182,000	3.8	66	1993	Combined Cycle
Streeter Generating Station Municipal Electric Utility City of Cedar Falls, Iowa Cedar Falls, Iowa	40	246,000	3.5	50	1993	PAC System
MacArther Resource Rec. Facility Islip Resource Recovery Agency Ronkonkoma, New York	11	40,000	4.8	79	1993	WTE
North Bay Plant Transcanada Pipelines North Bay, Ontario, Canada	30	245,000	2.0	53.6	1994	Combined Cycle
Kapuskasing Plant Transcanada Pipelines Kapuskasing, Ontario, Canada	30	245,000	2.0	53.6	1994	Combined Cycle
Haverhill RRF Expansion Ogden martin Sys. of Haverhill Haverhill, MA	46.9	44,500	5.0	85	1994	WTE
Arbor Hills Landfill Gas Facility Browning -Ferris Gas Services,Inc. Northville, MI	9	87,000	3.0	50	1994	Combined Cycle
Pine Bend Landfill Gas Facility Browning - Ferris Gas Services,Inc Eden Prairie, IN	6	58,000	3.0	50	1994	Combined Cycle
Pine Creek Power Station Energy Development, LTD Pine Creek, Northern Territory, Australia	10	95,000	3.63	77	1994	Combined Cycle

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Cabo Negro Plant Methanex Chile Limited Punta Arenas, Chile	6	74,500	4.0	63	1995	Methanol Plant
Esmeraldas Refinery Petro Industrial Esmeraldas, Ecuador	15	123,000	4.5	87.3	1995	Combined Cycle
Mallard Lake Landfill Gas Facility Browning - Ferris Gas Services Inc. Hanover Park, IL	9	101,000	3.0	49	1996	Combined Cycle
Riyadh Power Plant #9 SCECO Riyadh, Saudi Arabia	428	3,867,000	16.5	122	1996	Combined Cycle (1200 MW Total)
Barry CGP Project AES Electric Ltd. Barry, South Wales, UK	100	597,000	3.0	50	1996	Combined Cycle
Zorlu Enerji Project KORTEKS Bursa, Turkey	10	84,000	3.5	59	1997	Combined Cycle
Tucuman Power Station Pluspetrol Energy, S.A. El Bracho, Tucuman, Argentina	150	1,150,000	5.0	99	1997	PAC System
Dighton Power Project Dighton Power Associates, Ltd. Dighton, MA	60	422,000	5.5	90	1997	Combined Cycle
El Dorado Kiewit Industrial Company Boulder, NV	150	1,065,000	2.5	67	1998	Combined Cycle
Tiverton Power Plant Tiverton Power Associates, Ltd. Tiverton, RI	80	550,000	5.0	90	1998	Combined Cycle
Coryton Energy Project Intergen Corringham, England	250	1,637,000	2.5	50	1998	Combined Cycle

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Rumford Power Project Rumford Power Associates, Ltd Rumford, ME	80	546,000	5.0	90	1998	Combined Cycle
Keelung RRRP EPA, ROC Keelung City, Taiwan	25	161,000	5.3	89.6	1999	WTE
Lih-Tser RRRP EPA, ROC Yi Lan County, Taiwan	25	154,000	5.3	82.4	1999	WTE